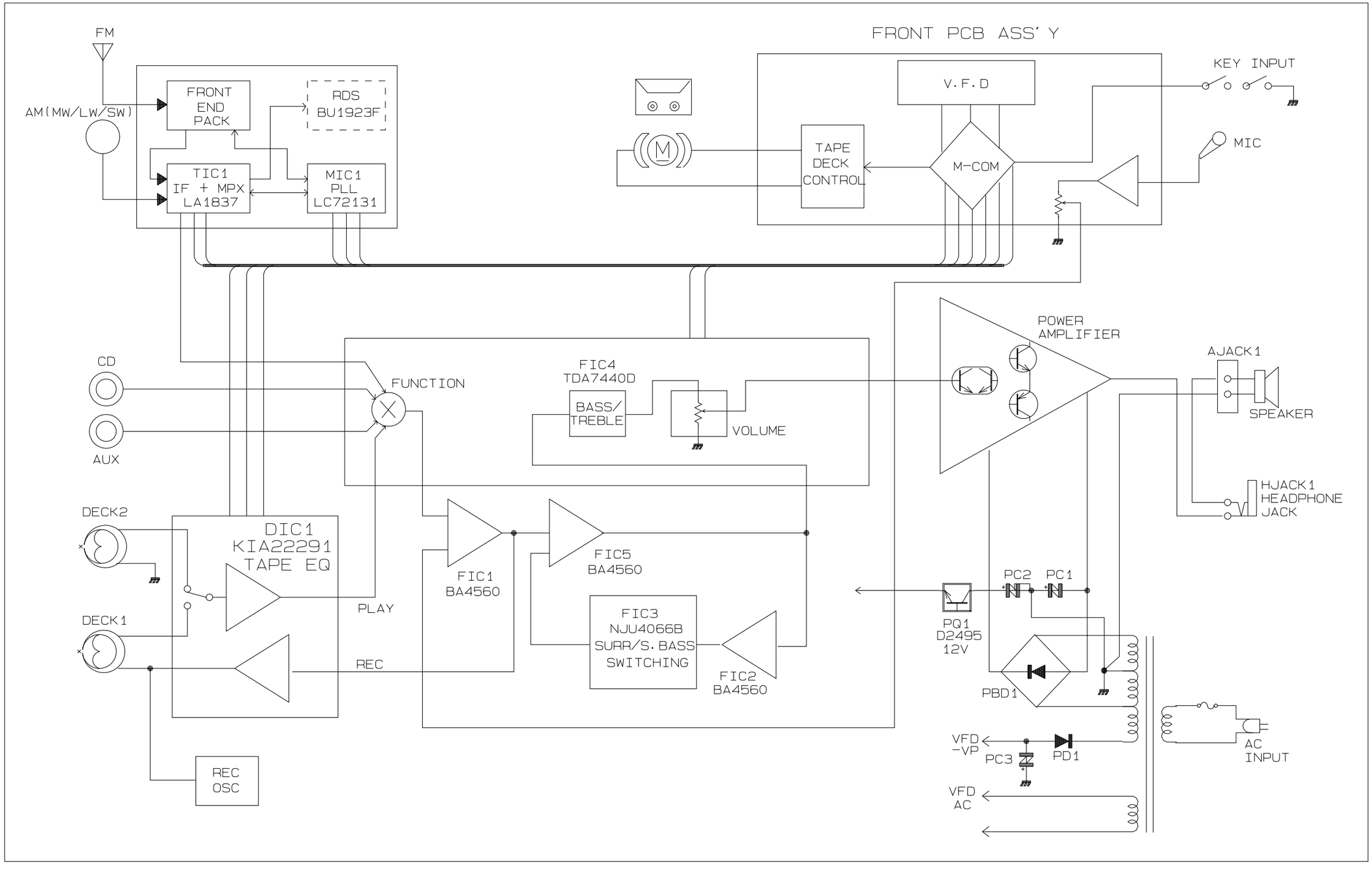
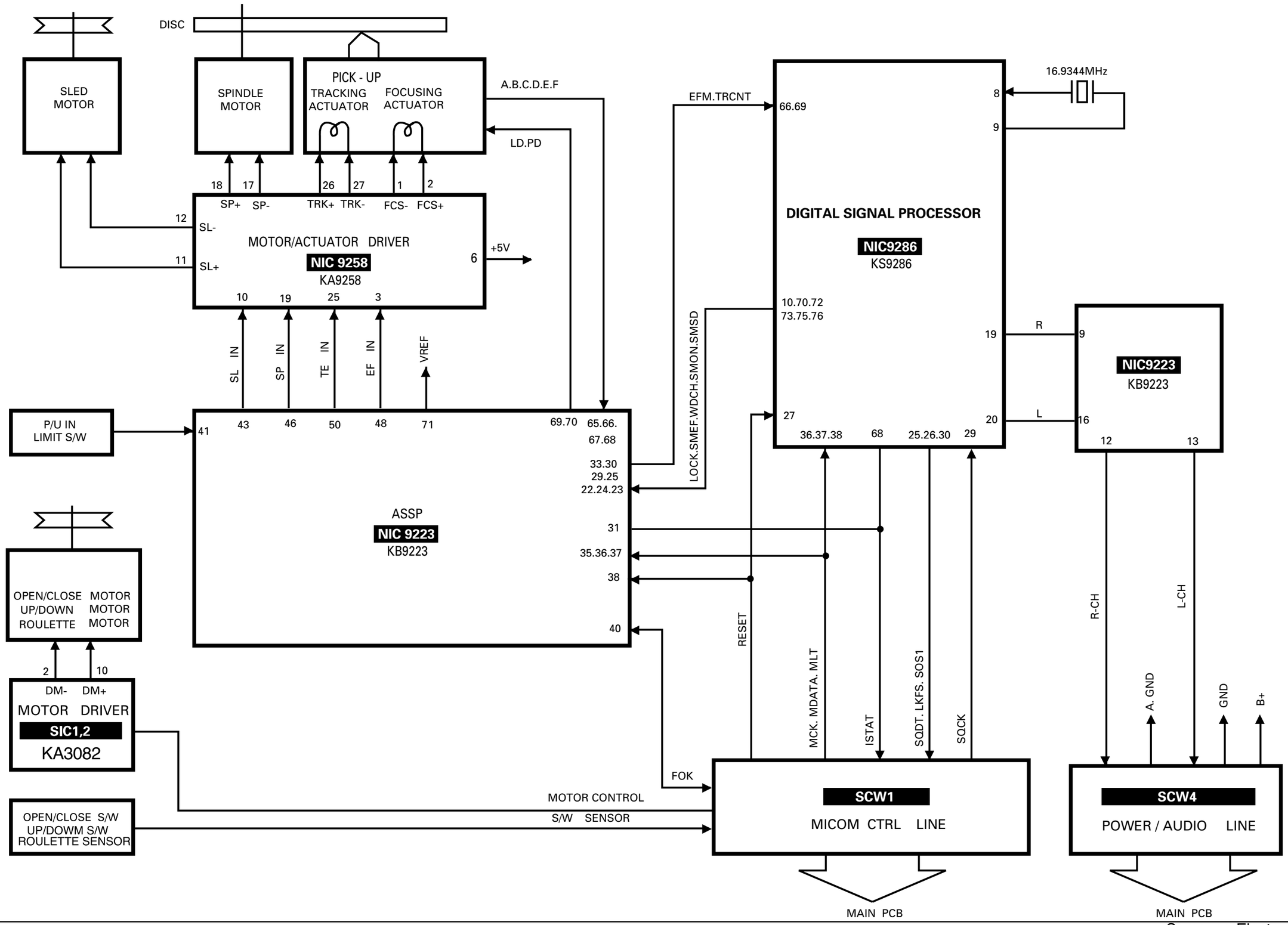
4. Block Diagram

4-1 Main Part




DISC
SLED MOTOR
SPINDLE MOTOR
PICK - UP
TRACKING ACTUATOR
FOCUSING ACTUATOR
A.B.C.D.E.F
LD.PD
18 17 26 27 1 2
SP+ SP- TRK+ TRK- FCS- FCS+
12
SL-
11
SL+
MOTOR/ACTUATOR DRIVER
NIC 9258
KA9258
6
+5V
10 19 25 3
SL IN
SP IN
TE IN
EF IN
VREF
P/U IN LIMIT S/W
41
43 46 50 48 71
69.70 65.66. 67.68
33.30 29.25 22.24.23
ASSP
NIC 9223
KB9223
31
35.36.37
38
40
EFM.TRCNT
LOCK.SMEF.WDCH.SMON.SMSD
66.69
8
9
16.9344MHz
DIGITAL SIGNAL PROCESSOR
NIC9286
KS9286
10.70.72
73.75.76
19
R
27
20
L
36.37.38 68 25.26.30 29
NIC9223
KB9223
9
16
12 13
OPEN/CLOSE MOTOR
UP/DOWN MOTOR
ROULETTE MOTOR
2 10
DM- DM+
MOTOR DRIVER
SIC1,2
KA3082
OPEN/CLOSE S/W
UP/DOWM S/W
ROULETTE SENSOR
MOTOR CONTROL
S/W SENSOR
FOK
RESET
MCK. MDATA. MLT
ISTAT
SQDT. LKFS. SOS1
SQCK
SCW1
MICOM CTRL LINE
MAIN PCB
R-CH
L-CH
A. GND
GND
B+
SCW4
POWER / AUDIO LINE
MAIN PCB